

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

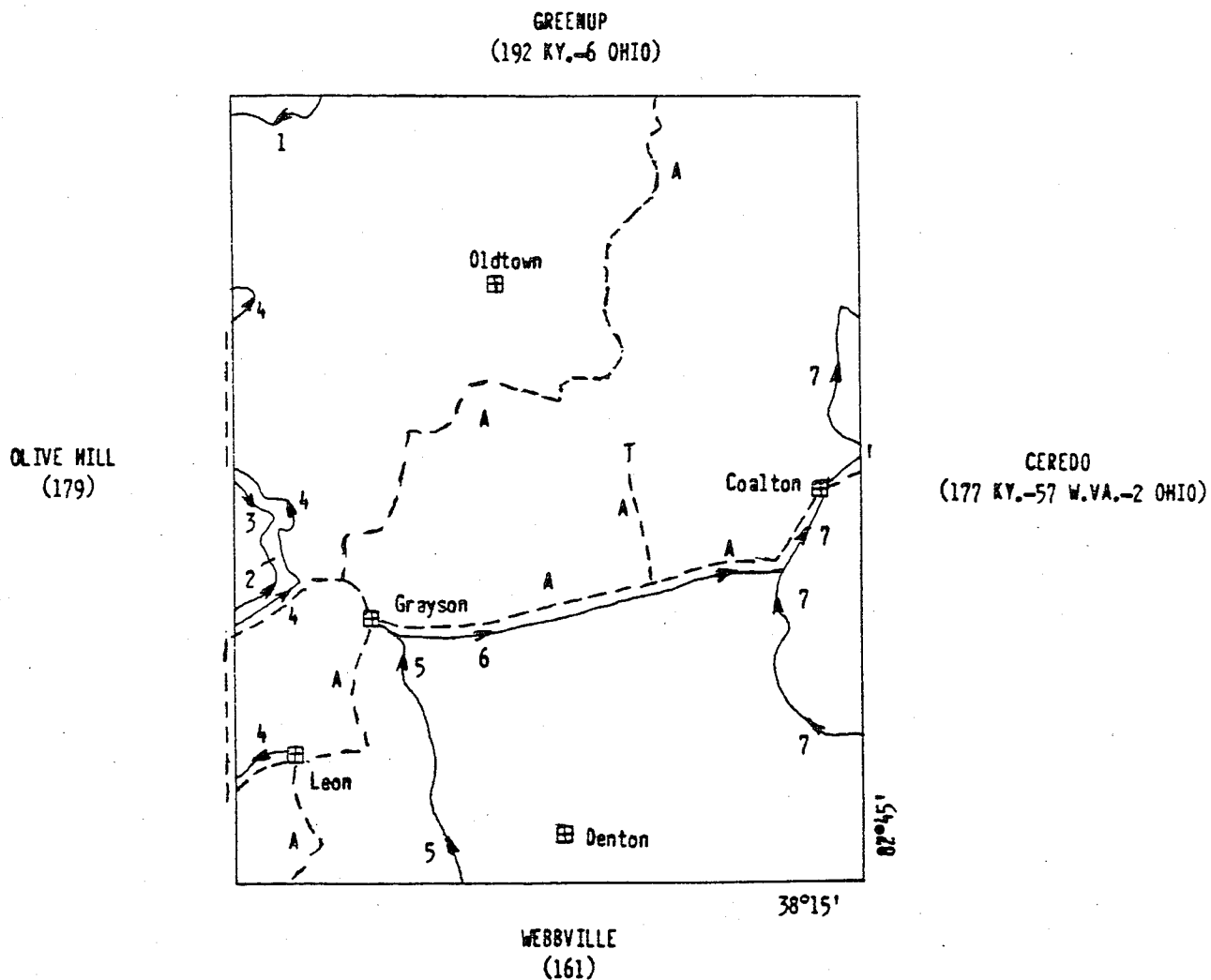
38-082-34
GRAYSON QUADRANGLE
178 KENTUCKY
83815-48245/15
DIAGRAM NJ 17-4
BENTINGTON

Boyd, Carter and Greenup Counties

Final adjustment of 1950

Edition of 1/18/77

PR: LFB/rmm



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380823

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ISOLATED BENCH MARKS (By J. E. Buford, 1900, Book 8086; S. R. Archer, 1926, Book 82541)	<u>Feet</u>
Argillite, 1,320 ft S. of, E. side of M and of Argillite Tunnel, 8.9 ft higher than top of rail, in sandstone ledge; standard tablet stamped "567 K 1900" (Reported destroyed)	566.355
Denton, 1.5 mi NE. of; 200 ft N. of rd. crossing at SW. end of Means Tunnel on C. and O. Ry.; 15 ft W of hwy.; in sandstone ledge; standard tablet stamped "787 K 1900" (Reported not found, 1953)	787.833
Geigersville, 800 ft N. of Rush Post Office; 600 ft S. of coal dump; 330 ft S. of rd. crossing; at SW. corner of RR. bridge No. 10; in bridge seat; standard tablet stamped "639 K 1900" (Reported destroyed, 1953)	639.497
Oldtown, 350 ft N. of bridge over Oldtown Creek; on W. side of rd.; at house of Mrs. Womack; in foundation stone on E. side of house; 6 ft from SE. corner; standard tablet stamped "558 K 1900"	556.756
Grayson, 0.4 mi W. of RR.; at SE. corner of foundation of Carter County courthouse; standard tablet stamped "686 K 1900" (Reported not found, 1953)	685.038
Maples, 0.3 mi N. of post office; at SW. corner of overhead hwy. bridge across East Fork Creek on or near Boyd-Greenup county line; in bridge seat; standard tablet stamped "571 K 1900"	570.794
Grayson, 5.6 mi E. of; on N. side of rd.; 15 ft from center of rd.; near top of Crib Mill; in sandstone ledge; standard tablet stamped "834 K 1900" (Reported not found, 1953)	832.823
Clay Lick Creek, at head of; on ridge where rd. turns to right to go down Clay Lick; near site of former schoolhouse; on N. side of rd. between dwellings of J. H. Hally and W. J. Hally; in ledge; standard tablet stamped "957 K 1900"	956.219

LINE 1.

By M. C. McClellan, 1929; Book 83521

There are no permanent marks on this line in this quadrangle.

LINE 2.

By C. E. Walker, 1930; Book 83697

U. E., Gregoryville, 2.3 mi E. of; 20 ft E. of rd. forks; on S. side of pike; on SE. corner of concrete culvert; chiseled square	619.02
Grayson, 1.1 mi N. of, along State Highway 1-7, thence 1.1 mi W.; 35 ft S. and 50 ft W. of centerline of rd. at junction of I-rd. NW.; in concrete post; standard tablet stamped "IT STA NO 4 K 1929" (Reported destroyed, 1949)	612.107
Reference mark; 500 ft SW. of junction of I-rd. NW.; on NE. corner of concrete bridge; chiseled square	610.77

LINE 2 (Cont'd.)Feet

U.E., Grayson, 2.0 mi W. of, thence 1.0 mi NW.; 1.0 mi W. of Little Star; 40 ft NW. of I-rd. S.; 4 ft inside fence; on large sandstone ledge; chiseled square

619.73

Grayson, 2.1 mi W. of, along State Highway I-7, thence 2.4 mi NW.; 35 ft E. of Wolfpen Branch; 6 ft S. of SW. post of gate across rd.; in concrete post; standard tablet stamped "TT STA NO 3 K 1929 685"

685.257

LINE 3.

By C. E. Walker, 1930; Book 83697

"TT STA NO 3 K 1929 685" (Described in line 2)

685.257

LINE 4.

By E. O. Miner, 1949; Book AV 100

"6 89 1935 606.731" (NGS)

606.731

U.E., 300 ft W. of white farmhouse; 10 ft SE. of SE. rail; on top of sandstone outcrop; chiseled square

615.61

[Jogs into Olive Hill quadrangle]

Gregoryville School, 2.1 mi E. of; 3.7 mi W. of post office at Grayson; 70 ft E. of SE. corner of concrete bridge; 40 ft NE. of NE. corner of new bridge; 30 ft S. of, and 4 ft lower than centerline of U.S. Highway 60; 2 ft E. of electric light pole; in concrete post; standard tablet stamped "89 EOM 1949 627" (Reported destroyed, 1971)

627.181

Reference mark; 70 ft W. of tablet; on top of E. end of S. headwall of concrete bridge; chiseled square

633.17

U.E., on NE. end of NW. headwall of concrete culvert; chiseled square

618.32

Grayson; about 0.1 mi E along U.S. Highway 60 from Carter County Court House, thence about 1.1 mi N. and W. along State Highways 1 and 7 to junction of old U.S. Highway 60, thence W. on old Highway 60 for 1.05 mi to Barretts Creek Church; 65 ft SE. of center of old Highway 60; 51 ft E. of NW. corner of church; 17 ft SE. of 30-in. sycamore tree; 7.8 ft SE. of drilled well casing; 1 ft W. of wire fence and about 5 ft lower than old hwy.; in concrete post projecting 5 in.; standard tablet stamped "90 EOM 1949 606"

605.780

Reference mark; 72 ft W. of tablet; on NE. corner of concrete step of church; chiseled square

608.36

Grayson, 2.2 mi W. of, thence 1.3 mi NW.; on E. end of E. concrete wingwall of steel bridge; chiseled square

615.58

U.E., Grayson, 2.2 mi W. of, thence 1.9 mi NW.; 12 ft W. of I-junction with driveway S. to barn; 20 ft SE. of sandstone cliff; on top of SW. end of ledge; chiseled square

614.18

LINE 4 (Cont'd.)Feet

W.E., Grayson, 2.2 mi W. of, thence 2.6 mi NW.; 30 ft NE. of V-junction with driveway to barn; on sandstone ledge; chiseled square

639.09

"TT STA NO 3 K 1929 685" (Described in line 2) (Also in line 3)

685.257

Reference mark; 20 ft NE. of tablet; in root on W. side of 24-in. oak tree; rail spike

687.76

[Jogs into Olive Hill quadrangle]

Kehoe, 4.2 mi SE. of; 100 ft S. of V-rd. intersection; 40 ft S. of pump foundation; 8 ft E. of E. corner of Center View School; in concrete post; standard tablet stamped "93 EQM 1949 994"

993.631

Reference mark; 40 ft S. of tablet; in S. base of 12-in. oak tree; rail spike

992.60

LINE 5. (Not of Third-Order Accuracy)

By TVA, 1953

Grayson, 5.6 mi S. of, from intersection of Highway 60 and State Highway 1; on State Highway 1 right-of-way; 1.9 mi S. of post office in Mitchins; 21 ft W. of centerline of road and between two small buildings on W. side of rd.; 2.3 ft SE. of SE. corner of small building; 11.5 ft NW. of NE. corner of small red shed; in concrete post projecting 0.2 ft above ground; standard tablet stamped "TVA 9 NY 1952"

610.54

W.E., Mitchins, 0.7 mi S. of post office; 18 ft W. of and 4.0 ft lower than centerline of rd.; 35 ft SW. of centerline of I-rd. W.; 45 ft SE. of power pole; on W. end of 36-in. concrete culvert; chiseled cross

607.73

Grayson, 4.4 mi S. of courthouse; 3.4 mi S. of intersection of U.S. Highway 60 and State Highway 1; on State Highway 1 right-of-way; 17.5 ft SE. of nail and cross in telephone pole; 59.0 ft SW. of nail and cross in 18-in. cottonwood tree; 16.5 ft SW. of nail and cross in 3-in. elm tree; in concrete post projection 0.7 ft above ground; standard tablet stamped "TVA 8 NY 1952"

665.03

Reference mark; 69 ft NW. of tablet; on NW. end of 18-in. concrete culvert; chiseled cross

668.75

W.E., Grayson, 3.4 mi S. of courthouse; on State Highway 1 right-of-way; 16 ft SE. of centerline of hwy. over drain; 45 ft SW. of 24-in. sycamore tree; on SW. corner of S. end of E. headwall of concrete culvert; chiseled square

596.56

Grayson, 2.4 mi S. of courthouse; 1.4 mi S. of intersection of U.S. Highway 60 and State Highway 1; on State Highway 1 right-of-way; 25 ft W. of centerline of Highway 1; 75 ft S. of Tom Waggoner's Grocery and Service Station; 7.0 ft SW. of nail and cross in power pole; 51.9 ft NW. of nail and cross in 10-in. persimmon; 18 ft E. of nail and cross in 6-in. persimmon tree; in concrete post projecting 0.5 ft above ground; standard tablet stamped "TVA 7 NY 1952"

734.56

LINE 5 (Cont'd.)Feet

U.E., Grayson, 1.6 mi S. of courthouse, on State Highway 1 right-of-way; 30 ft SW. of and 5 ft higher than centerline of I-rd. W.; in N. side of 12-in. cherry tree; copper nail and washer 660.23

U.E., Grayson, 0.7 mi E. of post office; on U.S. Highway 60 and State Highway 1 right-of-way; 20 ft S. of and 1 ft higher than centerline of rd., on left bank of river; on top of W. end of S. curb of concrete bridge over Little Sandy River; chiseled square 596.53

LINE 6. (Not of Third-Order Accuracy)

By IVA, 1953

U.E., chiseled square (Described in line 5) 596.53

Grayson, 1.1 mi E. of post office, on U.S. Highway 60; and on property of Quinnie Mall, at E. end of cut on S. side of hwy.; 38 ft S. of centerline of hwy. and 18 ft N. of wire fence; 28.3 ft NE. of painted cross on fence post; 51 ft SW. of private I-drive NE.; 150.5 ft SW. of nail and bottle cap in 14-in. white oak tree; in concrete post; standard tablet stamped "38 NY 1952" 641.42

Reference mark; 163.5 ft SE. of tablet; on top of S. headwall of 30-in. pipe culvert; chiseled square 632.94

U.E., Grayson, 1.6 mi E. of post office; on U.S. Highway 60 right-of-way; 95 ft NE. of and 3 ft higher than centerline of I-rd. SE.; 30 ft N. of centerline of hwy.; on top of sandstone rock outcrop; chiseled square 682.98

Grayson, 2.7 mi E. of post office, on U.S. Highway 60; 145 ft SW. of and 4 ft lower than centerline of I-rd. SW.; 10 ft NE. of nail and bottle top in 10-in. black walnut tree; 72.5 ft NW. of nail and bottle cap in 8-in. black walnut tree; 89.5 ft S. of SW. headwall of pipe culvert; in concrete post; standard tablet stamped "39 NY 1952" 596.10

Reference mark; 89.5 ft N. of tablet; on top of SW. headwall of 36-in. concrete pipe culvert; chiseled square 600.32

U.E., Grayson, 2.8 mi E. of post office; on U.S. Highway 60 right-of-way; 24 ft SE. of centerline of Y-rd. S.; in concrete headwall of culvert; chiseled square 600.70

Grayson, 3.45 mi E. of post office, on U.S. Highway 60, on property of Jerome Glass; 115 ft SE. of and level with centerline of Y-rd. NE.; 82.0 ft NW. of nail and bottle cap in 15-in. silver maple; 5.7 ft SE. of nail and bottle cap in corner fence post; in concrete post; standard tablet stamped "40 NY 1952" 603.02

Reference mark; 110 ft NW. of tablet; on top of S. headwall of 4- by 8-ft concrete box culvert; chiseled square 602.74

Grayson, 3.85 mi E. of post office, turn-out on U.S. Highway 60, on right-of-way; about 200 ft NW. of Burton's Restaurant and Standard Oil Station; on S. end of W. abutment of 20-foot concrete bridge; chiseled square 611.27

LINE 6 (Cont'd.)Feet

Grayson, 4.6 mi E. of post office, on U.S. Highway 60; 41.2 ft NE. to chiseled square on W. end of S. headwall of most easterly one of two 15-in. culverts about 65 ft apart; 32 ft SE. of SE. end 15-in. culvert headwall; 42 ft S. of centerline of hwy.; 123 ft SE. of nail and bottle cap in angle power pole; in concrete post; standard tablet stamped "41 NY 1952"	669.70
Reference mark; on W. end of S. culvert headwall; chiseled square	668.19
U.E., Grayson, 5.2 mi E. of post office, on U.S. Highway 60 right-of-way, 25 ft NW. of centerline of hwy.; 400 ft SW. of top of hill; near NE. end of rock cut; on top of NW. inlet wall of 18-in. culvert; chiseled square	831.42
Grayson, 4 mi E. of; about 450 ft N. of U.S. Highway 60; on land owned by Mr. Bennie Gordon; 18.9 ft E. of NW. corner of house; 13.1 ft SW. of NW. corner of carport apron and 1.2 ft N. of N. side of house; in concrete post flush with ground; NGS standard triangulation station disk stamped "SENEY 1949"	927.68
Grayson, 5.7 mi E. of post office, on U.S. Highway 60, on property of Willis R. Kaiser; about 100 ft S. and across hwy. from E. end of rock cut; 83 ft S. of and 4.5 ft higher than centerline of hwy.; 14.7 ft NW. of 5-in. columbia poplar; 32.5 ft NW. of nail and bottle cap in 14-in. pine tree; 80.3 ft E. of nail and bottle cap in 10-in. poplar; in concrete post; standard tablet stamped "42 NY 1952"	803.53
U.E., Grayson, 6.3 mi E. of post office, on U.S. Highway 60; on property of Lum Terry; on top of S. end of W. wingwall of double 6-by 8-ft concrete box culvert at front of Lum Terry and Son Store and Standard Oil Station; chiseled square	647.73
Grayson; 6.95 mi E. along U.S. Highway 60 from post office, on property of John Conley; 104 ft NE. of and level with centerline of I-rd. N., at Conley's Store; 14.8 ft NW. of 9-in. pine tree; 4.4 ft SW. of 10-in. pine; 24.6 ft SE. of 5-in. pine tree; in concrete post; standard tablet stamped "43 NY 1952"	674.83
Reference mark; 50.5 ft NW. of tablet; on concrete headwall of culvert; chiseled square	670.50
U.E., Grayson, 7.5 mi E. along U.S. Highway 60 from post office, on U.S. Highway 60 right-of-way; 27 ft SE. of centerline of I-rd. NW.; on NE. end of SE. headwall of 15-in. culvert; chiseled square	823.70
Grayson, 8.3 mi E. along U.S. Highway 60 from post office, on property of Kenneth Conley; 160 ft NW. of and 3 ft higher than centerline of I-rd. NW.; 3.5 ft SE. of 8-in. twin beech tree; 38 ft W. of 10-in. red oak tree; 58 ft SE. of 15-in. white oak tree; in concrete post; standard tablet stamped "44 NY 1952"	725.99
Reference mark; 84 ft SE. of tablet; on N. end of W. headwall of culvert; chiseled square	724.49
U.E., Grayson, 8.8 mi E. along U.S. Highway 60 from post office; on hwy. right-of-way; 26 ft SE. of and level with centerline of rd. over drain; in E. end of S. headwall of 6- by 14-ft concrete box culvert; chiseled square	692.29

LINE 6 (Cont'd.)Feet

Kilgore, 1.0 mi W. along Highway 60 from junction; on property of George Furgerson; 35 ft S. of and 3 ft lower than centerline of hwy.; 2 ft NW. of end of wire fence; 45 ft NE. of NE. corner of George Furgerson's house; 30 ft NE. of 18-in. maple tree; in concrete post; standard tablet stamped "45 NY 1952" 666.67

Reference mark; 23 ft NE. of tablet; on S. headwall of 2- by 5-ft concrete box culvert; chiseled square 668.58

Kilgore, 0.4 mi SW. of junction; on U.S. Highway 60 right-of-way; about 0.1 mi SE. of Rayburn Moss's Store; 25 ft NE. of and 2 ft higher than centerline of hwy.; in ledge of sandstone outcrop; chiseled square 668.36

Kilgore, 0.2 mi N. of, along U.S. Highway 60; between old hwy. and new hwy. under construction; 60 ft E. of, and 8 ft lower than centerline of old hwy.; 37 ft S. of SE. corner of residence of Mary Vaughn; 2 ft NE. of power pole; in concrete post; standard tablet stamped "TVA TT 47 NY 1952" 632.23

Reference mark; 80 ft SW. of tablet; on top of rock outcrop across old hwy., chiseled square 640.05

LINE 7. (Not of Third-Order Accuracy)

By TVA, 1953

Rush, 2.6 mi SE. of, along State Highway 854; 14 ft NE. of centerline of hwy.; at store of R. B. Hogan; 130 ft SW. of house; 80 ft N. of nail and bottle cap in power pole with transformer; 60 ft ENE. of, and across rd. from NE. corner of barn; 56 ft W. of nail and bottle cap in power pole; in culvert headwall; standard tablet stamped "TVA TT 34 NY 1952" (Reported destroyed, 1971) 708.70

Reference mark; 148 ft SE. of tablet; on rock outcrop on N. side of rd.; chiseled cross 704.04

Grayson, about 10 mi E. of; 2 mi S. of Rush; 62 ft N. of center of woods road; 6 ft W. of white witness post; in concrete post projecting about 4 in.; NGS standard triangulation station disk stamped "RUSH 1949" 978.99

Azimuth mark; 0.5 mi N. of triangulation station; 140 ft W. of center of paved rd.; 28 ft NE. of NE. corner of frame house; 10 ft N. of center of dirt track road; 2 ft W. of white witness post; in concrete post projecting about 8 in.; NGS standard azimuth mark disk stamped "RUSH 1949" 693.74

Rush, 0.4 mi S. of, along State Highway 854; directly across rd. from S. end of residence of Harrison Withrow; 66 ft SE. of centerline of rd. at drain; 35 ft SE. of power pole at S. end of bridge; 16 ft SW. of 14-in. sycamore tree at creek bank; 14 ft WNW. of 10-in. poplar tree at creek bank; in concrete post; standard tablet stamped "TVA TT 46 NY 1952" 646.00

"TT 47 NY 1952" (Described in line 6) 632.23

LINE 7 (Cont'd.)Feet

U.E., Kilgore, 1.15 mi N. along U.S. Highway 60 from junction; on old U.S. Highway 60 right-of-way; on NE. wingwall of concrete bridge; chiseled square 618.07

Kilgore, 1.9 mi NE. of, along old U.S. Highway 60; 53 ft NW. of Balm of Gilead tree; 40 ft WNW. of junction of dim drive S.; 21 ft N. of centerline of hwy.; 24 ft W. of twin 18-in. maple trees; 3 ft S. of fence corner; in concrete post; standard tablet stamped "TVA II 48 NY 1952" 616.26

Reference mark; 35 ft E. of tablet; on W. end of bottom step to walk leading to Mansel Van Moose's house; chiseled square 616.31

U.E., Coalton, 0.3 mi NE. along new hwy.; on U.S. Highway 60 right-of-way; 45 ft SE. of and 3.5 ft lower than centerline of hwy.; on top of NE. end of SE. headwall of 3- by 6-ft concrete culvert; chiseled square 606.87

[Jogs into Cerado quadrangle]

U.E., Princess, 1.0 mi NW. along State Highway 5 from junction with U.S. Highway 60; on State Highway 5 right-of-way; 87 ft NW. of centerline of rd. over drain; on W. end of N. curb of concrete arch bridge; chiseled square 593.40

Princess, 1.5 mi NW. of, along State Highway 5; 30 ft W. of centerline of hwy.; 46 ft N. of NE. corner of straight Creek Nazarene Church; 25 ft S. of 16-in. maple tree; 22 ft E. of 14-in. maple tree; in concrete post; standard tablet stamped "TVA II 50 NY 1952" 590.96

Reference mark; 35.2 ft SE. of tablet; in N. side of 28-in. maple tree; rail spike 592.58

U.E., Princess, 2.65 mi N. along State Highway 5 from junction with U.S. Highway 60; on State Highway 5 right-of-way; 11 ft W. of and 1 ft lower than centerline of hwy.; 35 ft SW. of centerline of I-rd. W.; 6 ft to bottom drain; on top of W. headwall of 4- by 8-ft concrete box culvert; chiseled square 579.94

Princess, 3.7 mi NW. of, along State Highway 5; 30 ft NW. of centerline of hwy. at outside of curve; 16 ft NE. of painted cross on fencepost; 3 ft SE. of nail and bottle cap in fencepost; 3 ft SE. of wire fence; in concrete post; standard tablet stamped "TVA II 51 NY 1952" 578.82

Reference mark; 253.5 ft NE. of tablet; on W. end of N. curb of concrete bridge across East Fork Creek; chiseled square 582.88

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-082-34
GRAYSON QUADRANGLE
178 KENTUCKY
N3815-W8245/15
DIAGRAM NJ 17-4
HUNTINGTON

Boyd, Carter, and Greenup Counties


Edition of 1/24/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, North Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

GREENUP
(192 KY.-6 OHIO)

 Old Town

OLIVE HILL
(179)

CEREOO
(177 KY.-57 W.VA.-2 OHIO)

82°45'

38°15'

WEBBVILLE
(161)

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

178 KENTUCKY
GRAYSON QUADRANGLE

38-082-34
N3815-W8245/15

INDEX OF PERMANENT MARKS

MARK (USGS)

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TVA TT 48 NY 1952
TVA TT 50 NY 1952
TVA TT 51 NY 1952
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TVA TT 53 NY 1952
TVA TT 54 NY 1952
TVA TT 55 NY 1952
TVA TT 61 NY 1952

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5
5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent mark in the field.

By H. P. Finch, 1949; Book AH 136

Gregoryville, 2.1 mi E. of, along U.S. Highway 60; 3.7 mi W. of post office at Grayson; 30 ft S. of, and 4 ft lower than centerline of Highway 60; 70 ft E. of SE. corner of concrete bridge; 40 ft NE. of NE. corner of new concrete bridge; 2 ft E. of electric light pole; in concrete post; standard tablet stamped "89 EOM 1949 627" (Reported destroyed, 1971)

X = 2,360,415	Y = 304,880	38 19 49.72	82 59 36.82
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Grayson, 1.1 mi N. of, along State Highway 1-7, thence 1.1 mi W.; 35 ft S. and 50 ft W. of centerline of rd. at junction of I-rd. NW.; in concrete post; standard tablet stamped "TT STA NO 4 K 1929" (Reported destroyed, 1949)

X = 2,365,721	Y = 310,423	38 20 43.79	82 58 29.27
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Grayson, about 0.1 mi E. of, along U.S. Highway 60 from Carter County Courthouse, thence about 1.1 mi N. and W. along State Highways 1 & 7 to junction of old U.S. Highway 60, thence W. on old U.S. Highway 60 for 1.05 mi to Barretts Creek Church; 65 ft SE. of center of old U.S. Highway 60; 51 ft E. of NW. corner of church; 17 ft SE. of 30-in. sycamore tree; 7.8 ft SE. of drilled well casing; 1 ft W. of wire fence and about 5 ft lower than old hwy.; in concrete post projecting 5 in.; standard tablet stamped "90 EOM 1949 606"

X = 2,365,896	Y = 310,412	38 20 43.66	82 58 27.07
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Grayson, 2.1 mi N. of, along State Highway 1-7, thence 2.4 mi NW.; 6 ft S. of SW. post of gate across rd.; 35 ft E. of Wolfpen Branch; in concrete post; standard tablet stamped "TT STA NO 3 K 1929 685"

X = 2,360,355	Y = 320,368	38 22 22.82	82 59 34.91
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Kehoe, 4.2 mi SE. of; 100 ft S. of junction of Y-rd.; 40 ft S. of pump foundation; 8 ft E. of E. corner of Center View School; in concrete post; standard tablet stamped "93 EOM 1949 994"

X = 2,358,794	Y = 344,500	38 26 21.57	82 59 50.40
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By M. L. Bennett (TVA), 1952; Fieldbooks MS 30208, 30209, 30210

Rush, 2.6 mi SE. of, along State Highway 854; 14 ft NE. of centerline of hwy.; at store of R. B. Hogan; 130 ft SW. of house; 80 ft N. of nail and bottle cap in power pole with transformer; 60 ft ENE. of, and across rd. from NE. corner of barn; 56 ft W. of nail and bottle cap in power pole; in culvert headwall; standard tablet stamped "TVA IT 34 NY 1952" (Reported destroyed, 1971)

X = 2,424,750	Y = 294,995	38 18 02.56	82 46 11.54
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		O' ' "	O' ' "

OBSOLETE MARKS (Cont'd.)

By M. L. Bennett (TVA), 1952; Fieldbook MS 30210

Rush, 0.4 mi S. of, along State Highway 854; directly across rd. from S. end of residence of Harrison Withrow; 66 ft SE. of centerline of rd. at drain; 35 ft SE. of power pole at S. end of bridge; 16 ft SW. of 14-in. sycamore tree at creek bank; 14 ft WNW. of 10-in. poplar tree at creek bank; in concrete post; standard tablet stamped "TVA TI 46 NY 1952"

X = 2,421,865	Y = 306,046	38 19 52.25	82 46 45.51
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Kilgore, 0.2 mi N. of, along U.S. Highway 60; between old hwy. and new hwy. under construction; 60 ft E. of, and 8 ft lower than centerline of old hwy.; 37 ft S. of SE. corner of residence of Mary Vaughn; 2 ft NE. of power pole; in concrete post; standard tablet stamped "TVA TI 47 NY 1952"

X = 2,421,812	Y = 313,502	38 21 05.96	82 46 44.67
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Kilgore, 1.9 mi NE. of, along old U.S. Highway 60; 53 ft NW. of Balm of Gilead tree; 40 ft WNW. of junction of dim drive S.; 21 ft N. of centerline of hwy.; 24 ft W. of twin 18-in. maple trees; 3 ft S. of fence corner; in concrete post; standard tablet stamped "TVA TI 48 NY 1952"

X = 2,425,115	Y = 320,557	38 22 15.17	82 46 01.80
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Princess, 1.5 mi NW. of, along State Highway 5; 30 ft W. of centerline of hwy.; 46 ft N. of NE. corner of Straight Creek Nazarene Church; 25 ft S. of 16-in. maple tree; 22 ft E. of 14-in. maple tree; in concrete post; standard tablet stamped "TVA TI 50 NY 1952"

X = 2,426,838	Y = 331,057	38 23 58.68	82 45 38.03
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Princess, 3.7 mi NW. of, along State Highway 5; 30 ft NW. of centerline of hwy. at outside of curve; 16 ft NE. of painted cross on fencepost; 3 ft SE. of nail and bottle cap in fencepost; 3 ft SE. of wire fence; in concrete post; standard tablet stamped "TVA TI 51 NY 1952"

X = 2,427,515	Y = 342,588	38 25 52.55	82 45 27.18
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Naples, 0.3 mi N. of; 20 ft SW. of centerline of rd.; 42 ft SW. of apple tree across rd.; 20 ft NW. of SW. end of concrete culvert; 6 ft NW. of corner fencepost; 3 ft NE. of wire fence around yard; in concrete post; standard tablet stamped "TVA TI 52 NY 1952"

X = 2,423,225	Y = 345,762	38 26 24.61	82 46 20.45
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Naples, 1.7 mi NW. of; on property of Kelley Spears; 22 ft NE. of, and 4 ft higher than centerline of rd.; 24 ft SE. of 6-in. white oak tree; 15 ft SE. of small drain; 8 ft S. of 18-in. forked white oak tree; 6 ft NW. of 5-in. persimmon tree; in concrete post; standard tablet stamped "TVA TI 53 NY 1952"

X = 2,420,349	Y = 351,732	38 27 24.07	82 46 55.40
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178 KENTUCKY
GRAYSON QUADRANGLE

38-082-34

5

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE

° ' "

LONGITUDE

° ' "

OBsolete MARKS (Cont'd.)

Naples, 3.6 mi NW. of; at E. edge of yard at residence of Roy Hogsten; 63 ft SW. of centerline of rd.; 20 ft SE. of 15-in. triple maple tree; 12 ft NE. of 12-in. forked maple tree; 12 ft E. of power pole; in concrete post; standard tablet stamped "TVA TT 54 NY 1952"

X = 2,412,036

Y = 355,260

38 28 00.24

82 48 39.19

Argillite, 0.8 mi SE. of; 16 ft NE. of centerline of rd.; 32 ft NE. of 11-in. apple tree across rd.; 17 ft W. of W. corner of residence of J. C. Grizzle; 16 ft NW. of 14-in. maple tree; 2 ft SW. of wire fence corner; in concrete post; standard tablet stamped "TVA TT 55 NY 1952"

X = 2,410,379

Y = 362,872

38 29 15.73

82 48 58.54

By M. L. Bennett (TVA), 1952; Fieldbook MS 30155

Argillite, 3.4 mi SE. of, thence 2.0 mi E.; 21 ft W. of centerline of rd.; 114 ft NW. of NW. corner of house; 55 ft SE. of nail and bottle cap in 10-in. persimmon tree; 29 ft NNW. of nail and bottle cap in 10-in. walnut tree; in concrete post; standard tablet stamped "TVA TT 61 NY 1952"

X = 2,424,574

Y = 355,386

38 27 59.52

82 46 01.54